AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Please delete the first full paragraph starting on page 5, line 1, and continuing on to page 5, line 5, and replace with the following paragraph:

An exemplary embodiment relates to a statechart for use in the development of avionic software. The avionic software requires deterministic behavior. The statechart includes a first state, a second state and a third state. The third state includes the first and second parallel states. The first state is ordered with respect to the second state. The state chart does not allow parallel states to be ~~an ordered~~ unordered to ensure deterministic behavior of the statechart.

Please delete the second full paragraph starting on page 5 at line 6, and continuing on to page 5, line 8, and replace with the following paragraph:

Another embodiment relates to a modified Harel statechart formed ~~an~~ on a computer. The modified Harel statechart includes a mathematical representation of a group of states. The group of states includes a first state including a plurality of ordered parallel states. The mathematical representation ensures deterministic operation.